
Navdeep Singh Khichi

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SENIOR ELECTRICAL ENGINEER

Creative and dynamic **Electrical engineer** professional with 4.3 years of progressive experience in EPC Projects across India in Power and Oil & Gas sector. Proven ability to combine vision, ingenuity and strong business acumen with well-developed project management and leadership qualities to extend my responsibilities well beyond supervision of the staff, ensuring project execution, troubleshooting and maintaining all human resources operational needs.

Areas of expertise include:

- Planning
- Project Management
- Project Execution
- Installation & Commissioning
- Preparing BOM & MR
- Quality Assurance
- Preparing reports & drawings
- Billing
- Design & development
- Tendering
- O & M
- Reviewing offer & vendors

PROFESSIONAL EXPERIENCE

KALPATARU POWER TRANSMISSION LTD, Mumbai

12/2018-Present

Senior Engineer (Engineering and Coordination)

As a lead member of engineering and Coordination I assist multiple projects both EPC and constructional with detailed designing and study of drawings, coordination of resources, equipment, meeting and information with the goal of getting them completed on time and within budget along with that taking responsibility for detailed engineering and studying of drawings for tendering, estimating, finalizing vendors, client coordination.

Key Contributions:

- **Detailed Study of Engineering** documents drawings for tendering, MTO's, finalizing Resources Sub-vendors for PCC,MCC,LT-HT panels, Cables, DG-sets ,UPS, Cable Tray, Transformers, Fire Alarm System, HVAC, earthing protection and indoor-outdoor lighting System.
- **Coordinating with multiple Project clients (GAIL, IOCL, ONGC, CAIRN INDIA, GSPL,) consultants(EIL, MECON,VALDEL etc.),**vendors and project teams for smooth operations maintaining time deadlines.
- **Ensuring projects** adhere to frameworks minimizing project risk and all documentation are maintained appropriately for each project and provide solutions where applicable.
- **Successfully completed 2** EPC and 1 Construction project and handling 8 running projects currently.
- **Preparing Tender documents, RFQ/MR,** review terms and condition and coordinating with TPI.
- **Raising PR** and Processing purchase orders in SAP.

PARADIP HALDIA DURGAPUR PIPELINE PROJECT (IOCL), Paradip (KPTL)

12/2017-12/2018

Electrical Engineer (E&I)

Overall responsibility for management and planning of man-power, equipment and resources for electrical & instrumentation work for a total of 32 Stations in a spread of 320Km for 11KV/.433KV, that included installation termination, testing and commissioning of MOV's, PDB, indoor lighting system, earthing and lightning protection system, pressure transmitter , temperature transmitter, control and power cable and OFC cable for M/s IOCL(PARADIP).

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Key Contributions:

- **Day-to-day planning and execution** of the projects complete installation, testing & commissioning of 32 No's MOV in Local-Remote operation.
- **Ensuring smooth execution of sites.** Handling local issues if any; coordinating with local authorities.
- **Timely completion and handover** of electrical and instrumentation work for 32nos Station within 8 months.
- **Successfully laying and commissioning** of OFC cable for 180km in 4 months.
- **Supervising & managing all testing & commissioning related activities** of pipelines for a team of more than 50 men.
- **Preparation and submission** of As-Built drawings, reports and MRIR.
- **Monitored Gas charging** activity throughout the line & completed commissioning in 3 days.

ELECTRICAL SYSTEM REVAMPING PROJECT (ONGC- Refinery), Surat (KPTL) 10/2015-12/2017

Electrical Engineer

Positioned to manage installation, testing and commissioning of 11KV/430V transformers, PCC, MCC, PMCC, battery chargers, DCDB and UPS panels, ABB's numerical and electro-mechanical relays, MMI system, fire alarm system, lighting and electrical protection system, cable trays, bus-ducts, HT & LT cable laying, OFC cable laying, Indoor Lighting, Reports and Documentation, MRIR, SLD and As-built drawings for M/s ONGC(HAZIRA).

Key Contributions:

- **Scheduling day-to-day activity** for commissioning of 471 no's numerical relays in a running refinery.
- **Strategically completion** of 6 no's sub-station relay retrofitting job within the time limits.
- **Supported** in dismantling of older existing 11/0.433KV and Installed, tested and commissioned new PCC, MCC, PMCC panels, Bus Ducts, for 22 Sub-station maintaining proper EHS norms.
- **Managed installation** of 301 no's CT's in running plant.
- **Completed** SAT, FAT for man-machine interface (HMI) system and 701 no's relays via ABB's X-800 PLC SCADA system.
- **Coordinated** with client, consultants and sub vendors for smooth completion of the project.

EDUCATION AND TECHNICAL PROFICIENCIES

Bachelor of Technology (B.Tech); Electrical (2014) 61.4%

Jodhpur Institute of Engineering & technology (Rajasthan) affiliated to Rajasthan Technical University

Technical Skills:

AutoCAD, SAP, Adobe Photoshop Illustrator, Primavera
Microsoft Office (Word, PowerPoint, Outlook, Excel)